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(54) RESIN-CERAMIC POWDER COMPOSITE MATERIAL

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a recyclable resin-ceramic powder composite material hardly causing changes in the dielectric constant of a product and therefore in electric properties of an electric part even when processed under a condition such that a relatively large shear force is exerted as in the case of injection molding or extrusion molding, and to provide an antenna and an electric appliance obtained by using the resin-ceramic powder composite material.

SOLUTION: In the resin-ceramic powder composite material, the ceramic powder is composed of a dielectric ceramic having an average particle size of at most 3  $\mu\text{m}$ . The antenna and the electric appliances are obtained by using the resin-ceramic powder composite material.

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